This listing of claims will replace all prior versions and listings of claims in the application:

## **LISTING OF CLAIMS:**

1. (Currently Amended) A process for the preparation of an  $\alpha$ -haloenamine, the process comprising combining a tertiary amide with a pentavalent phosphorous halide in a solvent to form an  $\alpha$ -haloiminium salt and converting the  $\alpha$ -haloiminium salt to the  $\alpha$ -haloenamine with a base, the pentavalent phosphorous halide having the formula

## $P(X)_{2}(Z)_{3}$

wherein each X is independently a halogen atom and each Z is independently a halogen atom or a carbon atom which is part of a substituted or unsubstituted hydrocarbyl radical, and further wherein the tertiary amide is covalently linked to a support which enables physical separation of the α-haloenamine from a liquid composition.

- 2. (Original) The process of claim 1 wherein the base is a tertiary amine.
- 3. (Original) The process of claim 1 wherein the base is triethylamine.
- 4. (Original) The process of claim 1 wherein the  $\alpha$ -haloenamine is an  $\alpha$ -chloroenamine,  $\alpha$ -bromoenamine,  $\alpha$ -fluoroenamine or  $\alpha$ -iodoenamine.
- 5. (Currently Amended) The process of claim [[1]] 2 wherein the pentavalent phosphorous halide is phosphorous pentachloride or phosphorous pentabromide.
- 6. (Currently Amended) The process of claim [[1]] 5 wherein the pentavalent phosphorous halide is phosphorous pentachloride.

- 7. (Currently Amended) The process of claim 1 wherein the  $\alpha$ -haloenamine is  $\alpha$ -chloroenamine,  $\alpha$ -bromoenamine, or  $\alpha$ -iodoenamine and the process comprises combining a tertiary amide with phosphorous pentachloride or phosphorous pentabromide the pentavalent phosphorous halide.
- 8. (Currently Amended) The process of claim 1 wherein the process comprises combining a tertiary amide with phosphorous pentachloride the pentavalent phosphorous halide to form an  $\alpha$ -chloroenamine and displacing the chloride of the  $\alpha$ -chloroenamine with bromide, fluoride or iodide.
  - 9. (Original) The process of claim 1 wherein the solvent comprises acetonitrile.
  - 10. (Canceled)
- 11. (Currently Amended) The process of claim [[10]] 1 wherein the support is inorganic, the inorganic support being selected from the group consisting of silicates, quartz and aluminum.
- 12. (Currently Amended) The process of claim [[10]] 1 wherein the support is polymeric.
- 13. (Currently Amended) The process of claim [[10]] 1 wherein the tertiary amide is a tertiary amide reagent having the formula:

$$R_4$$
 $R_1$ 
 $R_2$ 
 $R_3$ 

wherein

R<sub>1</sub> and R<sub>4</sub> are independently hydrocarbyl, substituted hydrocarbyl, hydrocarbyloxy, or substituted hydrocarbyloxy; and

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R<sub>2</sub> and R<sub>3</sub> are independently hydrogen, hydrocarbyl, substituted hydrocarbyl, hydrocarbylthio, substituted hydrocarbylthio, hydrocarbylcarbonyl, substituted hydrocarbylcarbonyl, hydrocarbyloxycarbonyl, substituted hydrocarbyloxycarbonyl, phosphinyl, thiophosphinyl, sulfinyl, sulfonyl, halo, cyano, or nitro,

provided at least one of R<sub>1</sub>, R<sub>2</sub>, R<sub>3</sub> and R<sub>4</sub> comprises a support which enables physical separation of the tertiary amide from a liquid mixture.

- 14. (Original) The process of claim 13 wherein three of  $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  are alkyl.
- 15. (Original) The process of claim 13 wherein two of  $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  in combination define a carbocyclic or heterocyclo ring.
- 16. (Original) The process of claim 13 wherein three of  $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  are alkyl and the other is covalently linked to a polymeric support.
- 17. (Original) The process of claim 13 wherein the tertiary amide reagent is poly(N,N-disubstituted acrylamide).
- 18. (Original) The process of claim 13 wherein the tertiary amide reagent is a polymer having N,N-disubstituted amide moieties.
- 19. (Original) The process of claim 13 wherein the tertiary amide reagent is a polymer having N,N-dialkyl substituted amide moieties.
- 20. (Original) The process of claim 13 wherein the amide moiety of the tertiary amide reagent is covalently attached to the phenyl ring of a polystyrene polymer or copolymer through one of R<sup>1</sup>, R<sup>2</sup>, R<sup>3</sup> or R<sup>4</sup>.